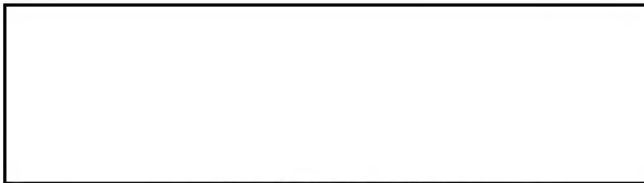


**CONFIDENTIAL**

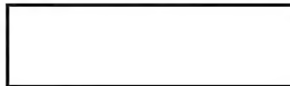
FILE # 997304  
16 SEP 67

September 16, 1965



Contracting Officer

Subject: Contract

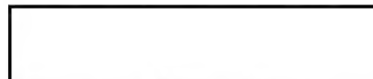


Gentlemen:

Enclosed are two (2) copies of the Monthly Status Report for the period from August 1, 1965 through September 10, 1965.

If there are any questions concerning the report, please contact the undersigned.

Very truly yours,



Contract Administration

Enclosures: As stated

Declass Review by NIMA / DoD

GROUP 1

EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

This document contains information affecting the national defense of the United States, within the meaning of the Espionage Laws, Title 18, U.S.C., Sections 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by those laws.

**CONFIDENTIAL**

TO: Customer

FROM:



SUBJECT: Monthly Contract Status Report Advanced Light Tables  
Period 1 August 1965 - 10 September 1965

This monthly progress report is submitted in accordance with customer requirements of project [redacted]

1. Objective:

The objective of project [redacted] is to design and develop three Advanced Light Tables.

2. Summary of Work Performed During Reporting Period.

Engineering design of the three Advanced Light Tables is complete with the exception of the micrometer microscope movements and tracking light sources. The tracking light source positioning mechanism is yet to be designed. All electro-mechanical components for the film transport mechanisms are on order and will be received by 15 September 1965 for initial checkout. The clutch-brake units and two speed transmissions have been received, checked out and found to operate satisfactorily. Drawings on the control consoles are being completed. All formal mechanical drawings on Light Table #1 are complete. All have been checked except the top assembly which must have a final check before going to the shops for parts fabrication.

3. Work Schedule Conformances:

Delivery of the three Advanced Light Tables was to be made on 15 September 1965. This delivery date cannot be met due to problems encountered in the micrometer microscope movements and tracking light sources. Delivery of light table #1 is scheduled on or before 1 December 1965. No delivery schedule can be given as yet on tables #2 and 3 until a precision microscope carriage can be found.

4. Analysis of Work Program Covering the Reporting Period.

Progress made during the reporting period is not as rapid as could be expected. This is attributed to problems encountered in designing a suitable micrometer microscope stage, a suitable tracking light source and a method of moving the source. Several layout designs were made during the summer to solve these problem areas and submitted to the customer.

## Monthly Contract Status Report (Cont'd)

### 5. Changes in Key Personnel.

25X1A [ ] Research Mechanical Engineer, has been dropped from the project as his work on the packaging design of tables # 2& 3 is complete.

### 6. Trips, Meetings and Special Conferences.

25X1A Two customers visited the contractors plant on 25 August 1965 to review the present design and discuss the major problem areas namely the tracking light sources and the precision micrometer motion. During the visit the following proposals were presented:

- 1) [ ] Motorized Film Rewind Unit
- 2) [ ] Copy Camera Attachment
- 3) [ ] Film Hold-Down Plate.

These proposals were rejected on 8 September.

The use of a high intensity cold cathode tracking light source was discussed for use in table #3. Consent was given by the customer to utilize a cold cathode lamp in place of the incandescent lamp specified in the technical exhibit.

### 7. Plans for the Next Reporting Period.

25X1A 1) A trip was made [ ] to determine if the [ ] Microscope stage can be modified for use on these light tables. Information obtained from this visit indicates a useable precision stereoscope carriage design can be obtained which will meet the accuracy requirements. The mount will be designed into the light tables with each stereoscope mounted in position. After thorough checking (two weeks) an order will be placed [ ] for two carriages. Delivery on the micrometer motions will be less than 120 days after receipt of order.

25X1A 2) Light table #1 will be sent to the shops for fabrication by 15 September 1965 with delivery anticipated on or before 1 December 1965.

25X1A 3) Formal drawings will be started on light tables # 2&3. These will be complete about November 1, 1965.

4) Design will be started on the high intensity cold cathode light source and the attendant traverse mechanism for light table #3.